

A NEW SPECIES OF THE DIPTEROUS FAMILY
DOLICHOPODIDÆ FROM THE PRIBILOF
ISLANDS, ALASKA

BY

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Hydrophorus fumipennis Van Duzee, new species

Female: Length 4 mm. Face wide, shining coppery, its lower edge nearly straight, palpi brownish yellow. Front seal-brown. Antennæ black, rather short; third joint small, about as long as wide; arista about as long as the antenna. One pair of post-verticals; postorbitals about eight on each side, reaching but little more than one-third the eye height, black. Beard yellow, almost golden, not very abundant.

Thorax brown with about six or seven dorsocentrals in each row; acrostichals black, in a single row; pollen on upper half of the pleuræ brown, on lower half and on the coxæ whitish. Propleura with one black bristle above the fore coxa. Scutellum with two pair of bristles. Scutellum and abdomen coppery-bronze colored.

Fore coxæ, tibiæ and femora bronze; middle and hind coxæ and all tarsi blackish. The anterior surface of fore coxæ covered with minute white hairs, and with a row of 12 or more small black bristles of nearly equal length on the outer edge, these scarcely as long as thickness of tibia. Fore femora considerably thickened, appearing to have two rows of close-set, short spines on the whole length of its lower surface; fore tibiæ nearly straight, with a distinct angle at tip projecting a little towards the femora, and with short spines nearly the whole length of its inner surface, nearly as long as those on the femora. Fore tarsi as long as their femora; first joint as long as the two following joints taken together, last four joints of nearly equal length. Middle femora and tibia each about as long as the abdomen; middle tarsi scarcely more than half as long as their tibiæ, the first two joints shorter than those following, the second being the shorter, about half as long as third. Halteres altogether black. Calypters black with yellowish cilia.

Wings brown in front of fourth vein and along the fifth and cross veins, a small spot at base, a slender streak in the center of the marginal cell, and a spot at tip of the submarginal cell, which is gray; the center of the first posterior cell also a little grayish; third vein bending forward a little just before its tip as it often does in this genus.

Holotype, female, No. 821, Mus. Calif. Acad. Sci.; collected by G. Dallas Hanna, July 20, 1920.

Type locality, St. Paul Island, Alaska.

This interesting form can be recognized by the row of 12 or more little black bristles of nearly equal length on the anterior edge of the outer side of the fore coxæ, the very short middle tarsi, especially the short first two joints, and the dark wings, together with the metallic face, black halteres and the black calypters with their pale cilia.